

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	795	(482/83-90).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 13:39
S2	50	((5700230") or ("6077204") or ("20040176222") or ("5277679") or ("5363285") or ("4445684") or ("5415371") or ("4384574") or ("4817941") or ("4889336") or ("5472395") or ("5542667") or ("5863279") or ("5902217") or ("6152863") or ("6302831") or ("6416445") or ("6736764") or ("7008353") or ("20040248633") or ("20050272569") or ("20060025284") or ("4522398") or ("4309028") or ("6030321") or ("20050113218") or ("20060199713") or ("4309029") or ("4564192") or ("4942624") or ("5221222") or ("5328425") or ("5342267") or ("5389057") or ("5509875") or ("5524886") or ("5554088") or ("5582561") or ("5722920") or ("5888137") or ("6149554") or ("6155960") or ("7118516") or ("20040170948") or ("20040224826") or ("20050003936") or ("5984842") or ("6241640") or ("5026049") or ("5458523")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/03 11:34

## EAST Search History

S3	50	((5700230") or ("6077204") or ("20040176222") or ("5277679") or ("5363285") or ("4445684") or ("5415371") or ("4384574") or ("4817941") or ("4889336") or ("5472395") or ("5542667") or ("5863279") or ("5902217") or ("6152863") or ("6302831") or ("6416445") or ("6736764") or ("7008353") or ("20040248633") or ("20050272569") or ("20060025284") or ("4522398") or ("4309028") or ("6030321") or ("20050113218") or ("20060199713") or ("4309029") or ("4564192") or ("4942624") or ("5221222") or ("5328425") or ("5342267") or ("5389057") or ("5509875") or ("5524886") or ("5554088") or ("5582561") or ("5722920") or ("5888137") or ("6149554") or ("6155960") or ("7118516") or ("20040170948") or ("20040224826") or ("20050003936") or ("5984842") or ("6241640") or ("5026049") or ("5458523")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 13:00
S4	50	S2 S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 13:00
S5	435	((482/33) or (482/34) or (482/36) or (482/37)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 13:39
S6	434	S5 not (S1 or S2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 14:03
S7	249	(482/23).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 14:03

## EAST Search History

S8	230	S7 not (S1 S2 S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 14:07
S9	194	(482/38).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 14:07
S10	168	S9 not (S1 S2 S5 S7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 14:11
S11	133	(472/29).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 14:14
S12	106	(d21/830).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 14:18
S13	27	a63b069/24.ipc. not us.cc.	DERWENT	OR	ON	2007/05/01 14:18
S14	186	a63b069/34.ipc. not us.cc.	DERWENT	OR	ON	2007/05/01 14:19
S15	209	S13 S14	DERWENT	OR	ON	2007/05/01 15:25
S16	241738	arm and shaft and (rotate or rotation or rotary or spin or spinning) and base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:26
S17	578	S16 and (martial or boxing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:28
S18	550	S17 not (S1 S2 S5 S7 S9 S11 S12 S13 S14)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:32

## EAST Search History

S19	6705	(rotating or rotatable) SAME tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:32
S20	3002	(rotating or rotatable) WITH tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:42
S21	5195	clothes adj hanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:42
S22	2602	(clothes adj hanger).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:43
S23	588	(clothes adj hanger).ti.	USPAT	OR	ON	2007/05/01 15:43
S24	50	(clothes adj line).ti.	USPAT	OR	ON	2007/05/01 15:50
S25	232	(211/205).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:08
S26	482	(211/194).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:08
S27	481	S26 not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:09
S28	40	(211/1.54).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:09

## EAST Search History

S29	56	(211/1.55).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:09
S30	90	S28 or S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:10
S31	48	wing adj chun	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:14
S32	208	mitchell-donald\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:19
S33	4019	bearing adj cup	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:19
S34	965	(bearing adj cup).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:19
S35	422	(bearing adj cup).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:27
S36	105	(472/1).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:30
S37	130	(472/14).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:30

## EAST Search History

S38	51	(472/15).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:30
S39	25	(472/35).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:30
S40	194	(S37 S38 S39) not (S11 or S36)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:32
S41	419	S37 S38 S39 S11 S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:33
S42	37	S41 and (cup or hemisphere or convex or spherical or domed or dome)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:35
S43	77	(473/441).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/01 16:47
S48	38	hemisphere with pivot with bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:52
S49	464	concave with surface with pivot with bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:52
S50	37	concave with surface with pivot with bearing with opposed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:59

## EAST Search History

S51	46	convex with surface with pivot with bearing with opposed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 10:59
S52	130	("0825860"   "0925342"   "0944648"   "0955135"   "1733709"   "20020114548"   "2085161"   "2237599"   "2305187"   "2696383"   "2792581"   "3096979"   "3390880"   "3427021"   "3813095"   "4027875"   "4077624"   "4139193"   "4270724"   "4345755"   "4421110"   "4434980"   "4491316"   "4557477"   "4564192"   "4564194"   "4593900"   "4593901"   "4653746"   "4662630"   "4681318"   "4749184"   "4817941"   "4819934"   "4913419"   "4923164"   "4946159"   "4949956"   "4973045"   "5046724"   "5090690"   "5183450"   "5183451"   "5236784"   "5277679"   "5280905"   "5281191"   "5342267"   "5352170"   "5389057"   "5453067"   "5458552"   "5470304"   "5472395"   "5624358"   "5697872"   "5722920"   "5788613"   "5800319"   "5839991"   "5897465"   "5899835"   "5902217"   "6027435"   "6033348"   "6063011"   "6183399"   "6348028"   "6432027"   "6790167"   "D169243"   "D334784"   "D356127"   "D373607").PN: OR ("2004/0176222"   "2005/0124469"   "2006/0025284"   "3268223"   "5352170"   "5389057"   "5458552"   "5722920"   "5899835"   "5902217"   "6302831"   "6432027"   "6799893"   "7086997"   "7150700").URPN.	OR	ON	2007/05/02 11:17	

## EAST Search History

S53	134	("0048989"   "0346293"   "0381414"   "0478386"   "0649734"   "0922991"   "0984591"   "1358756"   "1466564"   "2237599"   "2672277"   "3003623"   "3011280"   "3310180"   "3315819"   "3424313"   "3532874"   "3547275"   "3788489"   "3928689"   "3985924"   "4054696"   "4167848"   "4291075"   "4343842"   "4453640"   "4468421"   "4582225"   "4593218"   "4774113"   "4789570"   "4897292"   "5800319"   "5899835"   "6033348"   "6432027"   "D067680"   "D127028"   "D169243").PN. OR ("1089290"   "1471909"   "1564734"   "1865095"   "2696383"   "3204779"   "4797591"   "4877140"   "4889246"   "5054622"   "5652032"   "6872171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 11:17
S54	253	S52 or S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:19
S55	89	384/245	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:19
S56	14	("4077624"   "4434980"   "4564192"   "5389057"   "5435545"   "5554088").PN. OR ("3096979"   "5679103"   "825860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 12:01
S57	20	("2964316"   "3312467"   "3940131"   "4295648"   "4473227"   "4783070"   "5071122"   "5087039"   "D246123").PN. OR ("5435545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 12:02
S58	17	("2435864"   "2909370"   "4749184"   "5046724"   "5183451"   "5256069").PN. OR ("D356127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 16:08
S59	399	(446/236).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/03 16:24